Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122320\
Data File : PQ051546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Dec 2020 04:29
Operator : DD\AJ
Sample : L5170-20MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : DUP-20MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 05:56:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 23 04:30:42 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	5.236	4.257	576.7E6	143.0E6	23.512	19.894	
2)	SA Decachlor...	11.430	9.605	1791.3E6	525.7E6	90.236	83.983	
	Target Compounds							
3)	L1 AR-1016-1	6.559	5.516	395.3E6	109.1E6	469.191	417.811	
4)	L1 AR-1016-2	6.583	5.536	573.0E6	154.9E6	461.076	429.259	
5)	L1 AR-1016-3	6.650	5.729	342.3E6	79659644	467.647	430.555	
6)	L1 AR-1016-4	6.758	5.779	293.1E6	67540768	478.027	466.480	
7)	L1 AR-1016-5	7.072	6.009	272.8E6	79430904	455.065	434.370	
8)	L2 AR-1221-1	5.489	4.511	62742173	13102405	250.578	175.820	#
9)	L2 AR-1221-2	5.584	4.614	46846056	15338526	248.984	282.129	
10)	L2 AR-1221-3	5.672	4.703	209.4E6	55084059	358.195	316.524	
11)	L3 AR-1232-1	5.672	4.703	209.4E6	55084059	422.880	370.668	
12)	L3 AR-1232-2	6.265	5.536	286.6E6	154.9E6	1103.118	1014.159	
13)	L3 AR-1232-3	6.583	5.729	573.0E6	79659644	1072.475	1042.950	
14)	L3 AR-1232-4	6.758	5.825	293.1E6	74072220	1110.073	1130.346	
15)	L3 AR-1232-5	6.852	6.009	255.2E6	79430904	1354.604	1109.093	
16)	L4 AR-1242-1	6.559	5.516	395.3E6	109.1E6	602.783	542.629	
17)	L4 AR-1242-2	6.583	5.536	573.0E6	154.9E6	593.460	556.609	
18)	L4 AR-1242-3	6.650	5.729	342.3E6	79659644	591.626	539.662	
19)	L4 AR-1242-4	6.758	5.825	293.1E6	74072220	602.880	534.925	
20)	L4 AR-1242-5	7.542	6.389	68136666	108.5E6	130.222	596.217	#
21)	L5 AR-1248-1	6.559	5.516	395.3E6	109.1E6	800.238	721.780	
22)	L5 AR-1248-2	6.852	5.779	255.2E6	67540768	367.314	336.340	
23)	L5 AR-1248-3	7.072	5.825	272.8E6	74072220	340.221	354.864	
24)	L5 AR-1248-4	7.498	6.009	64272982	79430904	69.306	320.147	#
25)	L5 AR-1248-5	7.542	6.432	68136666	12197665	74.382	47.480	#
26)	L6 AR-1254-1	7.469	6.389	331.8E6	108.5E6	372.707	278.760	#
27)	L6 AR-1254-2	7.695	6.547	501.8E6	132.1E6	360.588	394.882	
28)	L6 AR-1254-3	8.081	6.969	504.0E6	259.8E6	333.009	465.923	#
29)	L6 AR-1254-4	8.374	7.207	387.8E6	107.0E6	357.502	313.783	
30)	L6 AR-1254-5	8.803	7.637	1228.6E6	402.4E6	1055.902	830.868	
31)	L7 AR-1260-1	8.246	7.106	633.9E6	216.1E6	607.253	619.730	
32)	L7 AR-1260-2	8.510	7.301	778.1E6	250.0E6	621.093	585.285	
33)	L7 AR-1260-3	8.876	7.457	1034.1E6	233.8E6	1126.172	571.929	#
34)	L7 AR-1260-4	9.136	7.941	1948.3E6	580.3E6	1830.951	1691.145	
35)	L7 AR-1260-5	9.466	8.186	942.6E6	370.8E6	423.936	442.362	
36)	L8 AR-1262-1	8.876	7.637	1034.1E6	402.4E6	731.758	1518.551	#
37)	L8 AR-1262-2	9.466	8.186	942.6E6	370.8E6	357.921	386.689	
38)	L8 AR-1262-3	9.799	8.474	6956.9E6	2089.3E6	6225.993	5909.986	
39)	L8 AR-1262-4	9.902	8.539	4224.2E6	1477.9E6	3329.307	2136.263	#
40)	L8 AR-1262-5	10.616	9.041	1101.7E6	334.4E6	1226.418	1109.238	
41)	L9 AR-1268-1	9.799	8.474	6956.9E6	2089.3E6	2492.117	2135.185	
42)	L9 AR-1268-2	9.902	8.539	4224.2E6	1477.9E6	1665.532	1634.945	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122320\
Data File : PQ051546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Dec 2020 04:29
Operator : DD\AJ
Sample : L5170-20MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId : DUP-20MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 05:56:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 23 04:30:42 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	10.145	8.750	5576.3E6	1733.9E6	2578.854	2293.154
44)	L9 AR-1268-4	10.616	9.041	1101.7E6	334.4E6	1207.803	1077.521
45)	L9 AR-1268-5	11.063	9.342	15946.3E6	4621.7E6	2249.409	1930.634

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

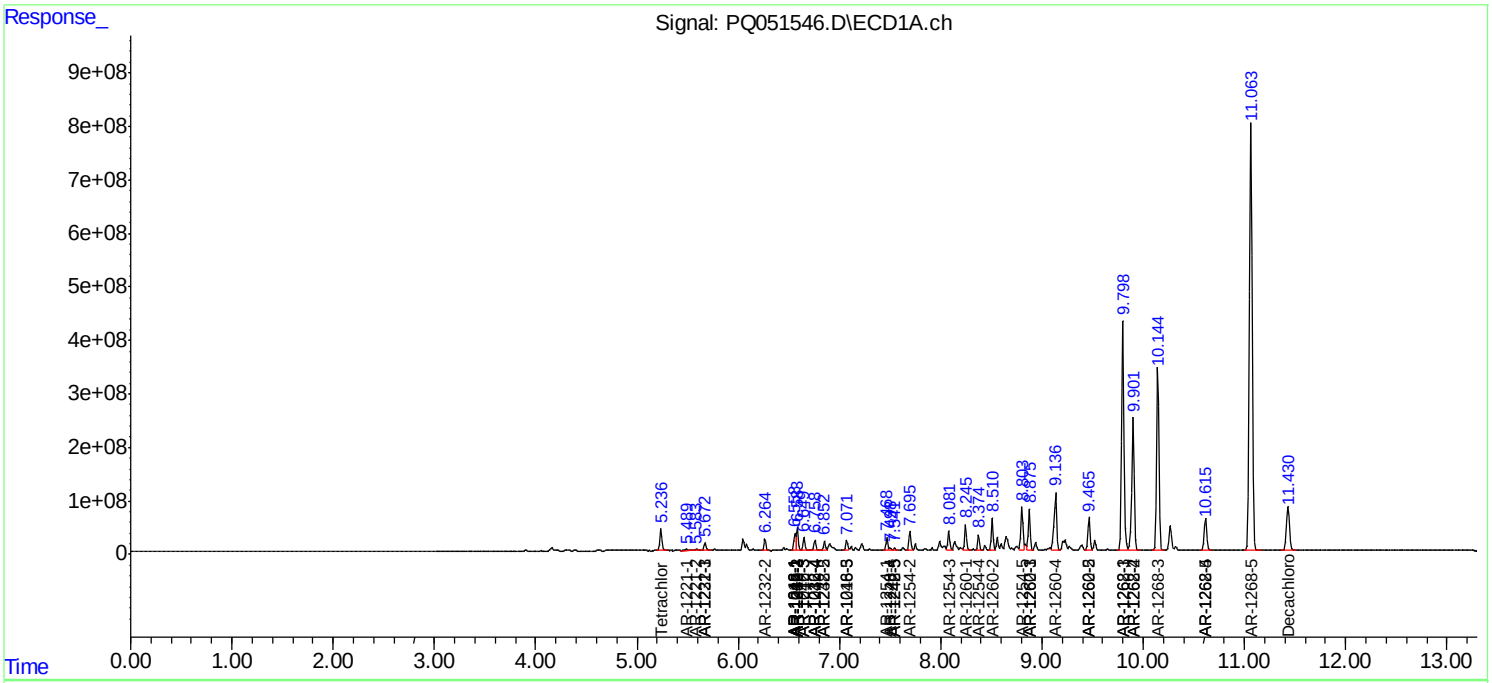
Quantitation Report (Not Reviewed)

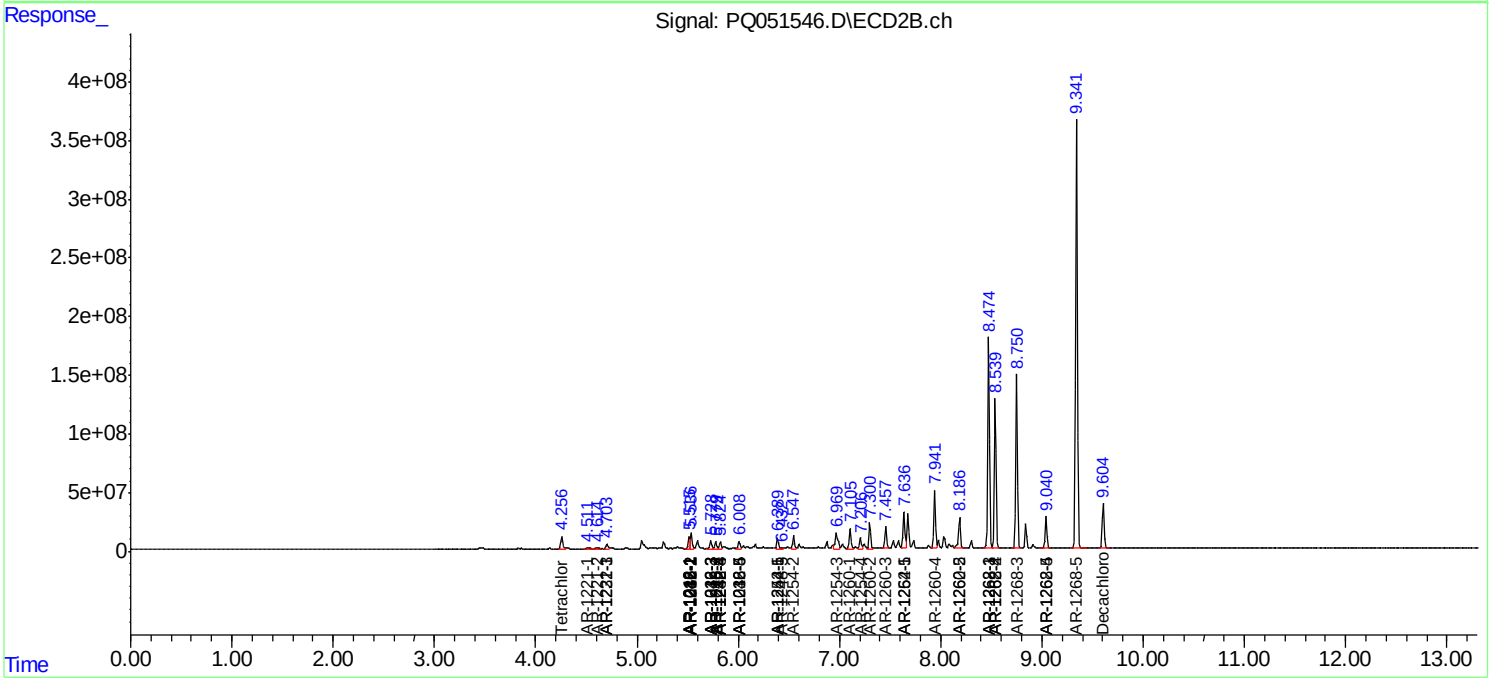
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122320\
Data File : PQ051546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Dec 2020 04:29
Operator : DD\AJ
Sample : L5170-20MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

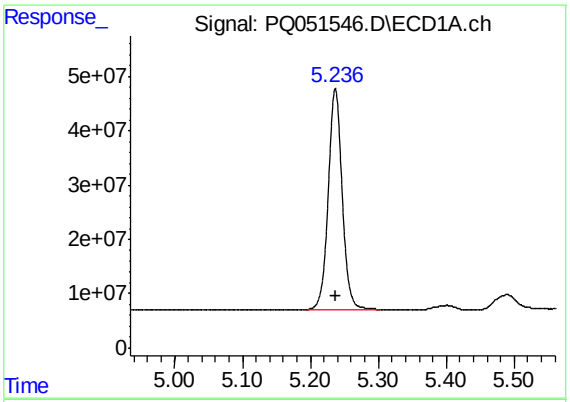
Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 05:56:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 23 04:30:42 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



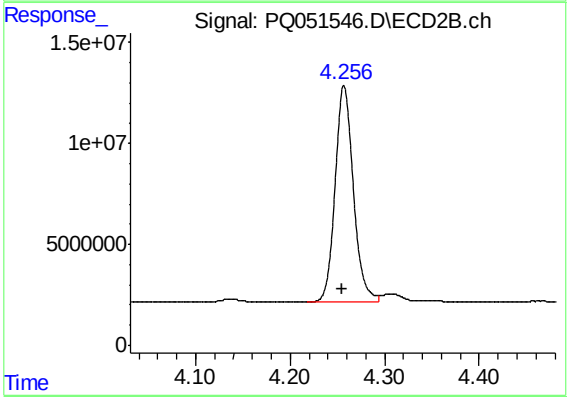




#1 Tetrachloro-m-xylene

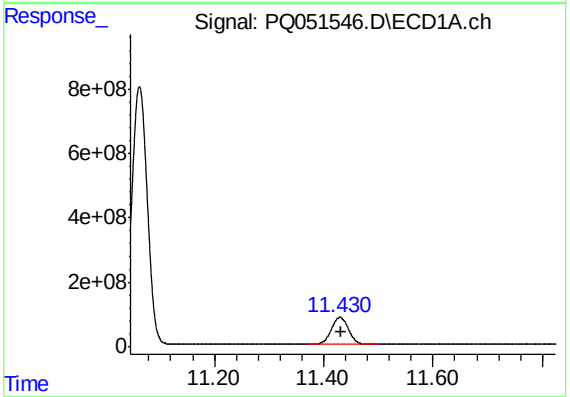
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 576655290
Conc: 23.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



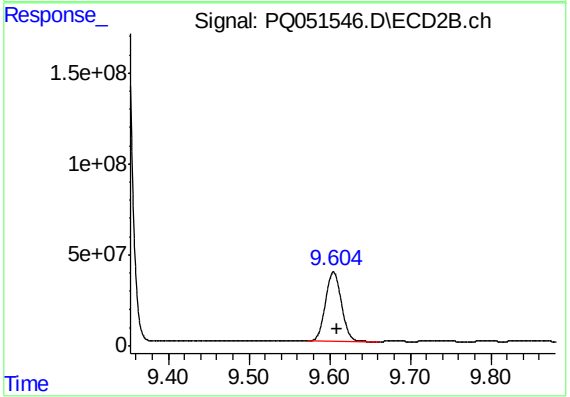
#1 Tetrachloro-m-xylene

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 143010142
Conc: 19.89 ng/ml



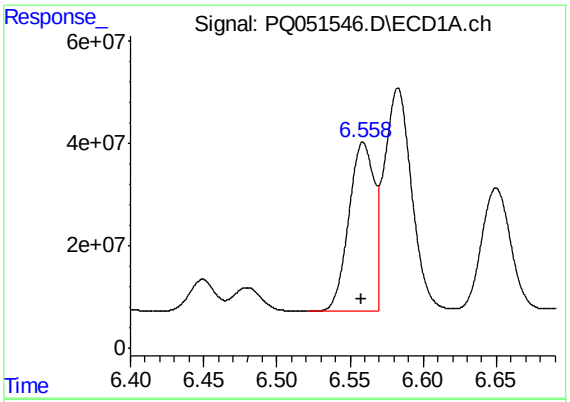
#2 Decachlorobiphenyl

R.T.: 11.430 min
Delta R.T.: -0.002 min
Response: 1791297348
Conc: 90.24 ng/ml



#2 Decachlorobiphenyl

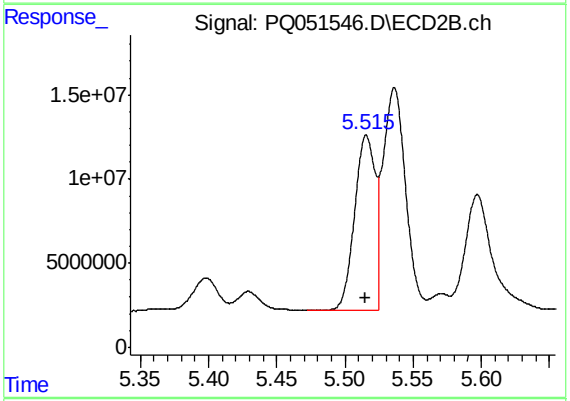
R.T.: 9.605 min
Delta R.T.: -0.004 min
Response: 525735420
Conc: 83.98 ng/ml



#3 AR-1016-1

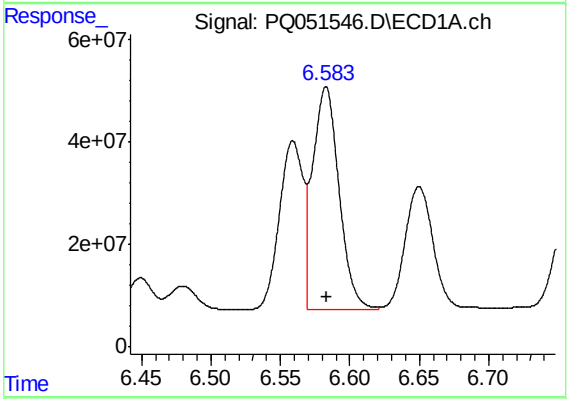
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 395253107
Conc: 469.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



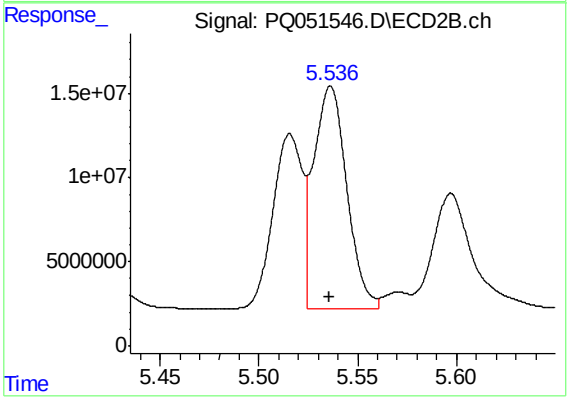
#3 AR-1016-1

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 109072520
Conc: 417.81 ng/ml



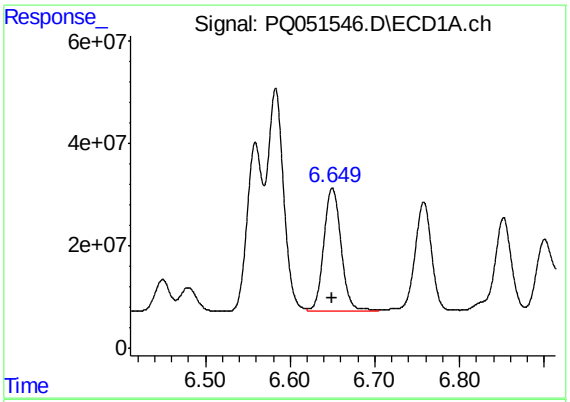
#4 AR-1016-2

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 572963374
Conc: 461.08 ng/ml



#4 AR-1016-2

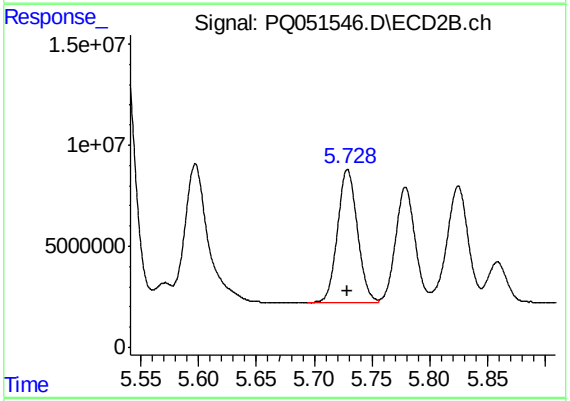
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 154880466
Conc: 429.26 ng/ml



#5 AR-1016-3

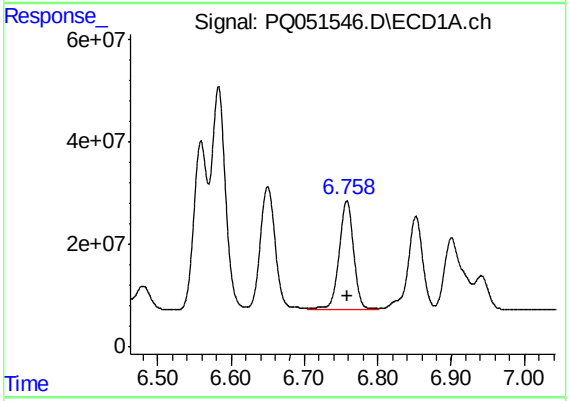
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 342322712
Conc: 467.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



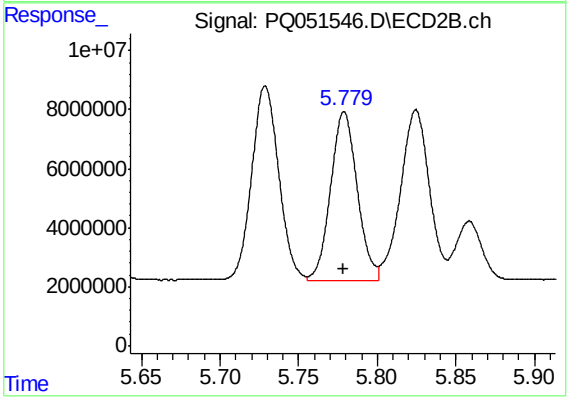
#5 AR-1016-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 79659644
Conc: 430.56 ng/ml



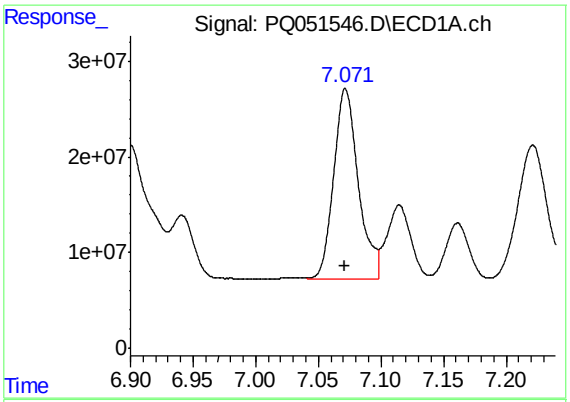
#6 AR-1016-4

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 293141951
Conc: 478.03 ng/ml



#6 AR-1016-4

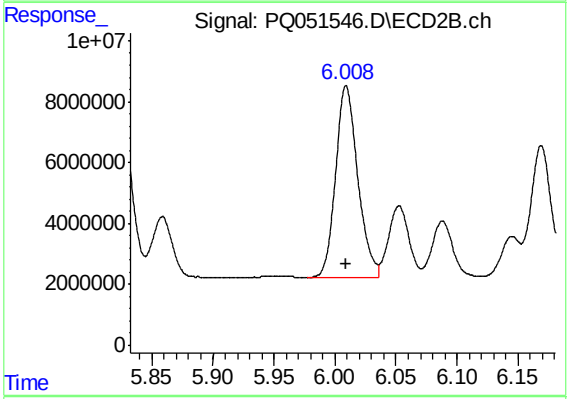
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 67540768
Conc: 466.48 ng/ml



#7 AR-1016-5

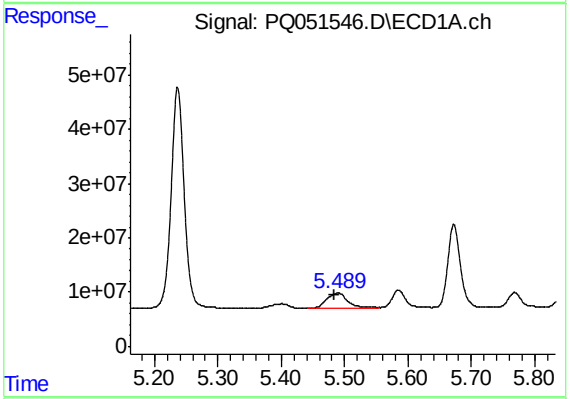
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 272769508
Conc: 455.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



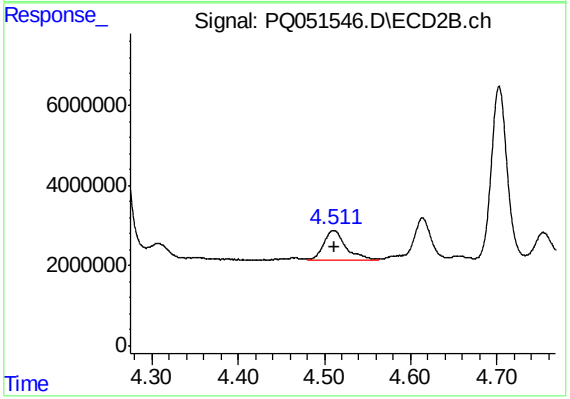
#7 AR-1016-5

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 79430904
Conc: 434.37 ng/ml



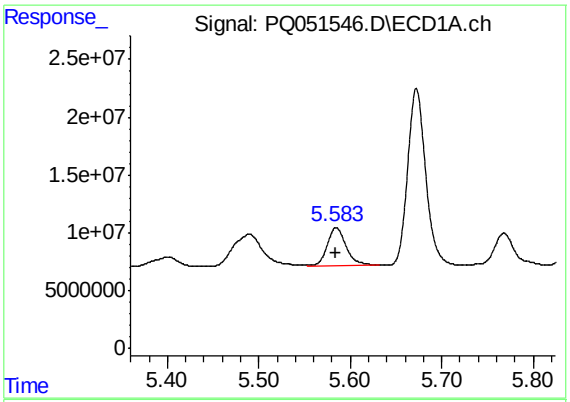
#8 AR-1221-1

R.T.: 5.489 min
Delta R.T.: 0.006 min
Response: 62742173
Conc: 250.58 ng/ml



#8 AR-1221-1

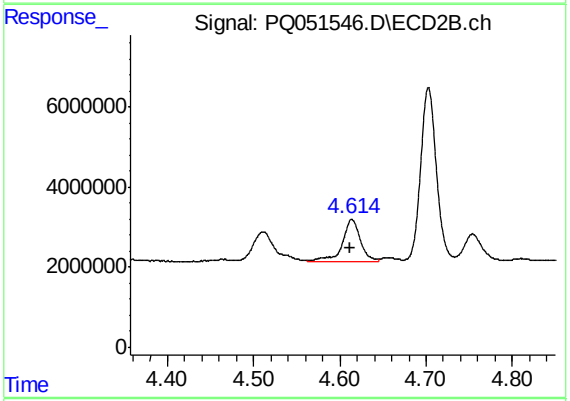
R.T.: 4.511 min
Delta R.T.: 0.000 min
Response: 13102405
Conc: 175.82 ng/ml



#9 AR-1221-2

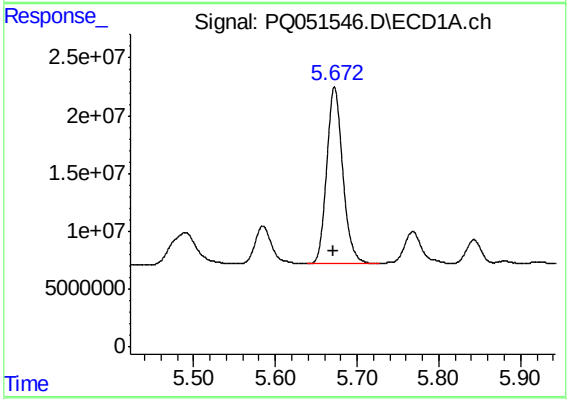
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 46846056
Conc: 248.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



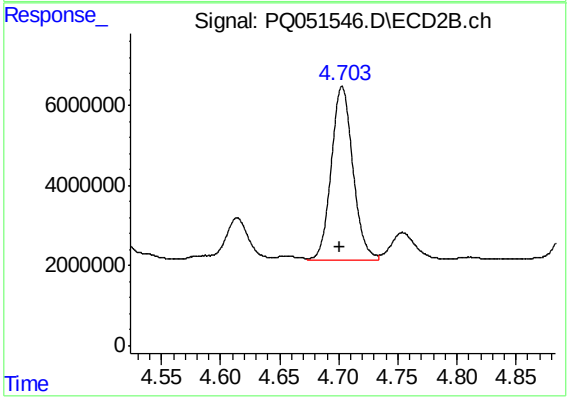
#9 AR-1221-2

R.T.: 4.614 min
Delta R.T.: 0.002 min
Response: 15338526
Conc: 282.13 ng/ml



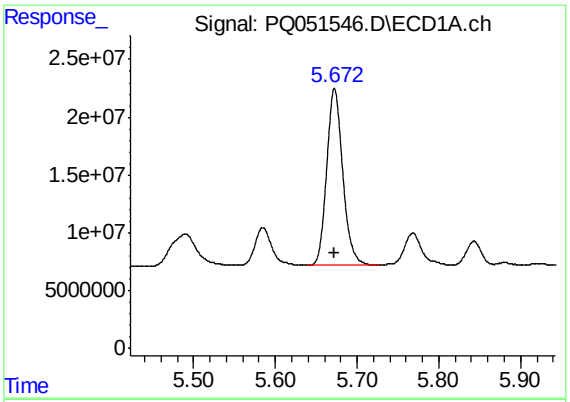
#10 AR-1221-3

R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 209366627
Conc: 358.20 ng/ml



#10 AR-1221-3

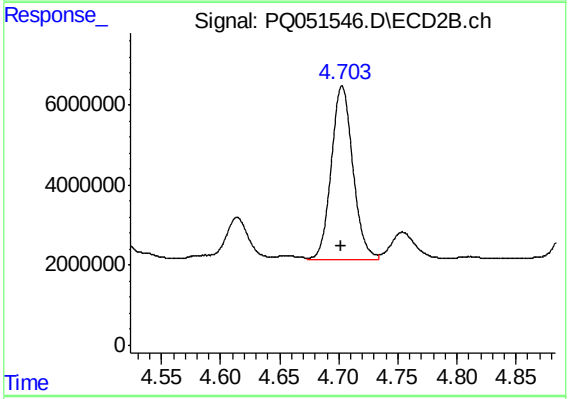
R.T.: 4.703 min
Delta R.T.: 0.002 min
Response: 55084059
Conc: 316.52 ng/ml



#11 AR-1232-1

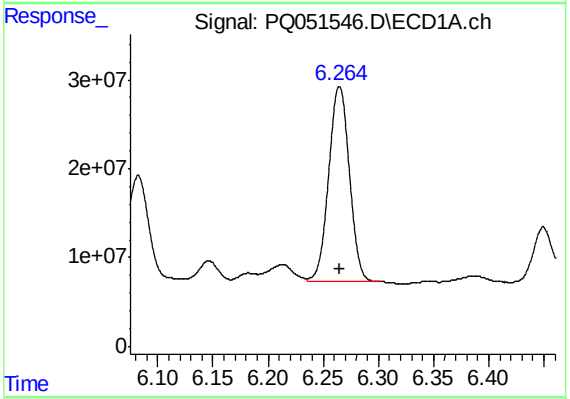
R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 209366627
Conc: 422.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



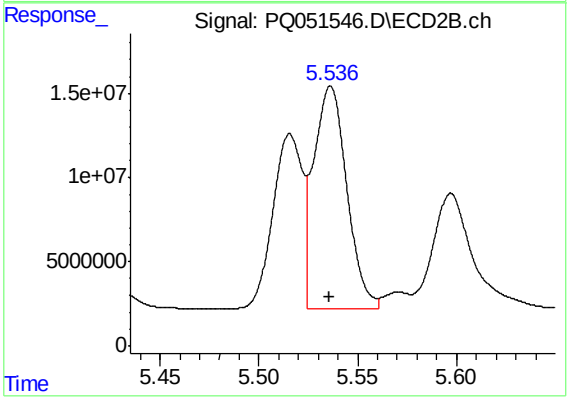
#11 AR-1232-1

R.T.: 4.703 min
Delta R.T.: 0.001 min
Response: 55084059
Conc: 370.67 ng/ml



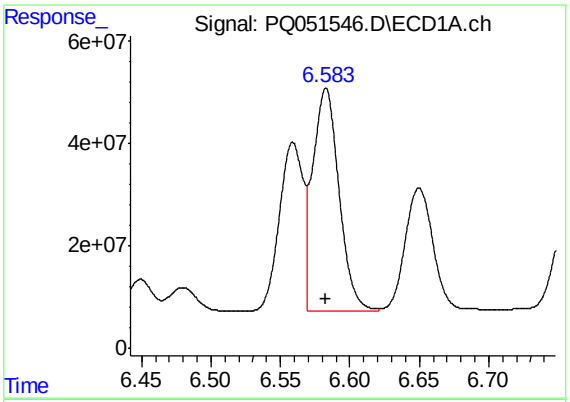
#12 AR-1232-2

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 286584154
Conc: 1103.12 ng/ml



#12 AR-1232-2

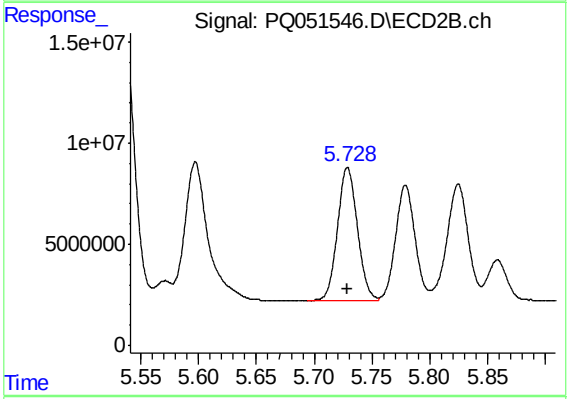
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 154880466
Conc: 1014.16 ng/ml



#13 AR-1232-3

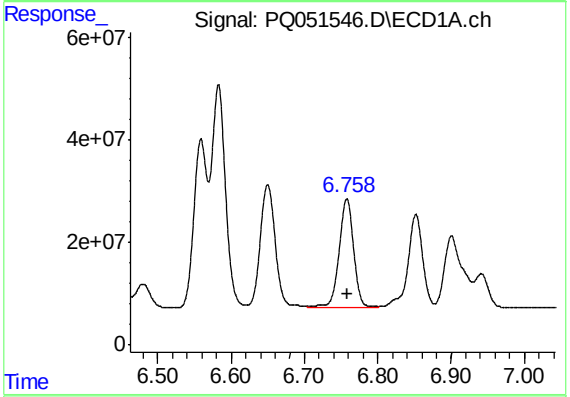
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 572963374
Conc: 1072.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



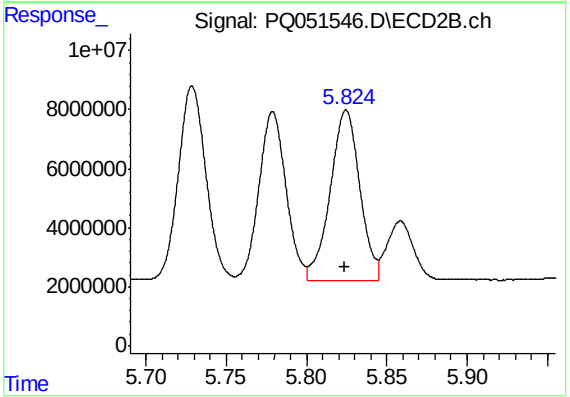
#13 AR-1232-3

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 79659644
Conc: 1042.95 ng/ml



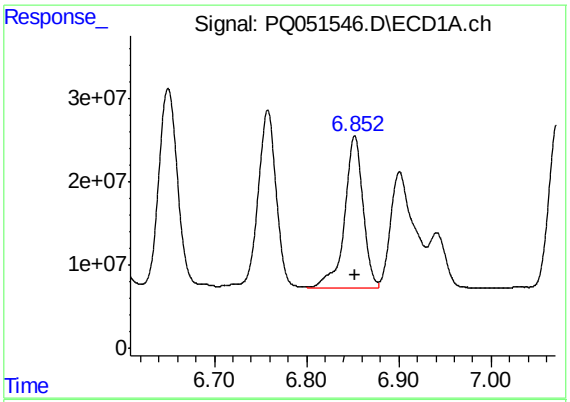
#14 AR-1232-4

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 293141951
Conc: 1110.07 ng/ml



#14 AR-1232-4

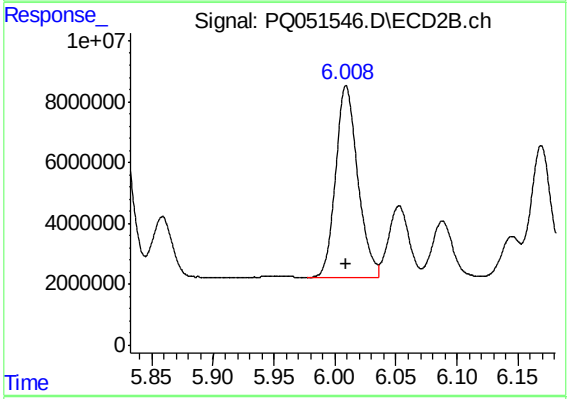
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 74072220
Conc: 1130.35 ng/ml



#15 AR-1232-5

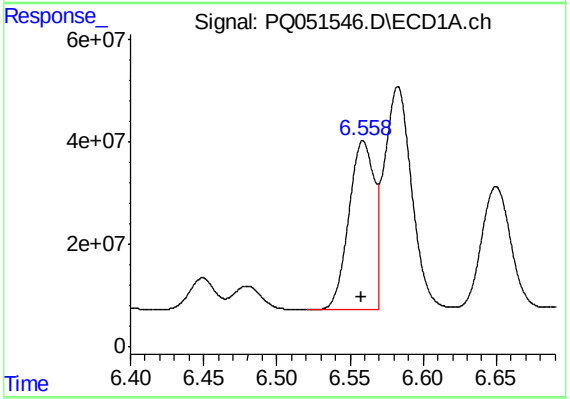
R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 255226917
Conc: 1354.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



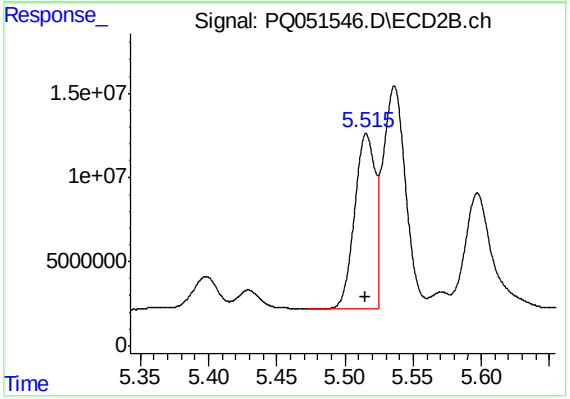
#15 AR-1232-5

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 79430904
Conc: 1109.09 ng/ml



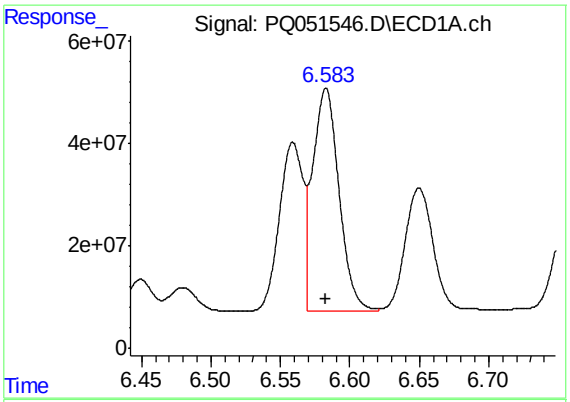
#16 AR-1242-1

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 395253107
Conc: 602.78 ng/ml



#16 AR-1242-1

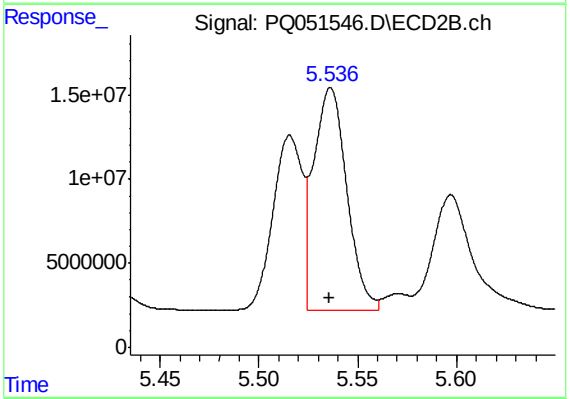
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 109072520
Conc: 542.63 ng/ml



#17 AR-1242-2

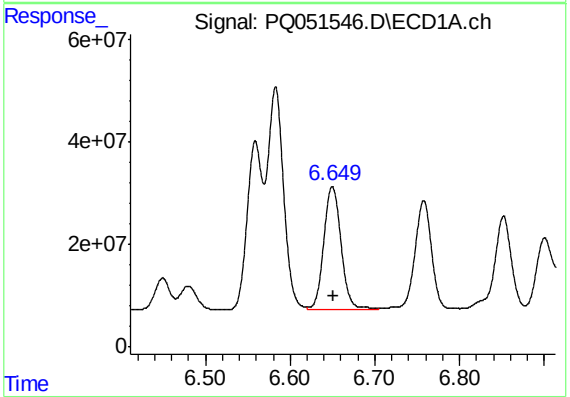
R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 572963374
Conc: 593.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



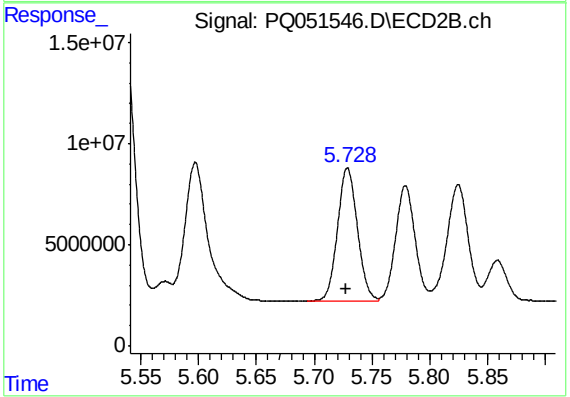
#17 AR-1242-2

R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 154880466
Conc: 556.61 ng/ml



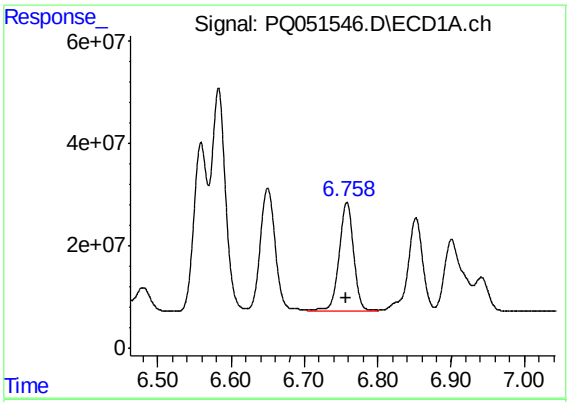
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 342322712
Conc: 591.63 ng/ml



#18 AR-1242-3

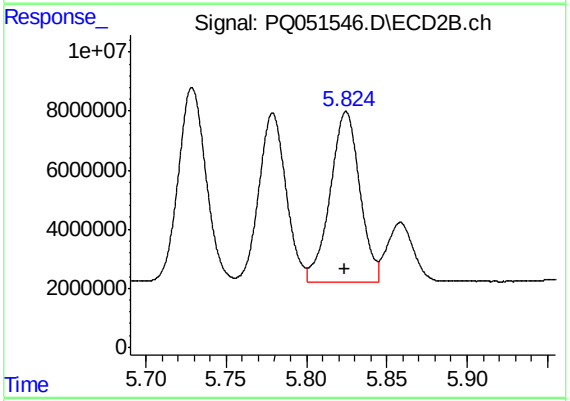
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 79659644
Conc: 539.66 ng/ml



#19 AR-1242-4

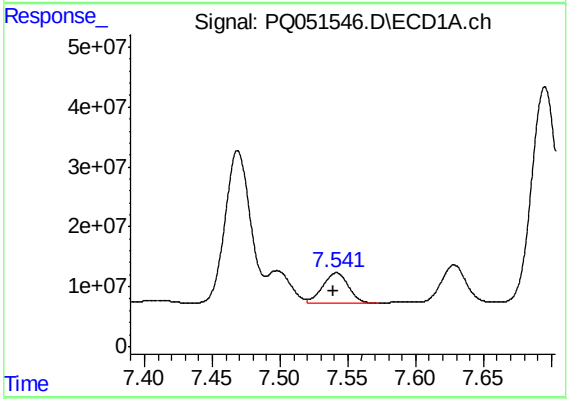
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 293141951
Conc: 602.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



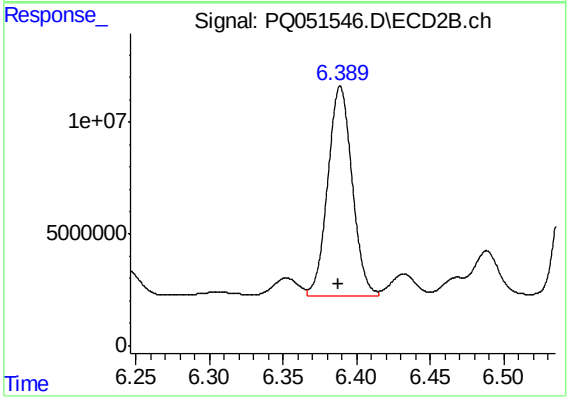
#19 AR-1242-4

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 74072220
Conc: 534.92 ng/ml



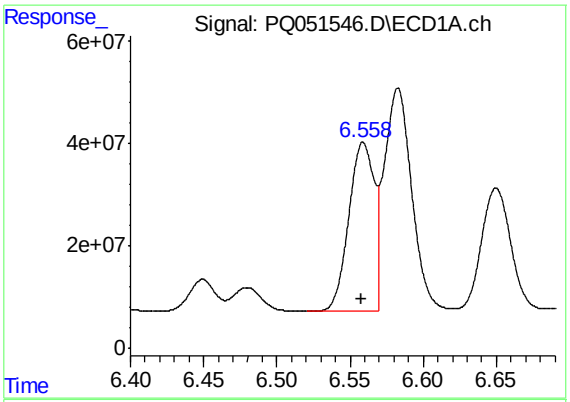
#20 AR-1242-5

R.T.: 7.542 min
Delta R.T.: 0.002 min
Response: 68136666
Conc: 130.22 ng/ml



#20 AR-1242-5

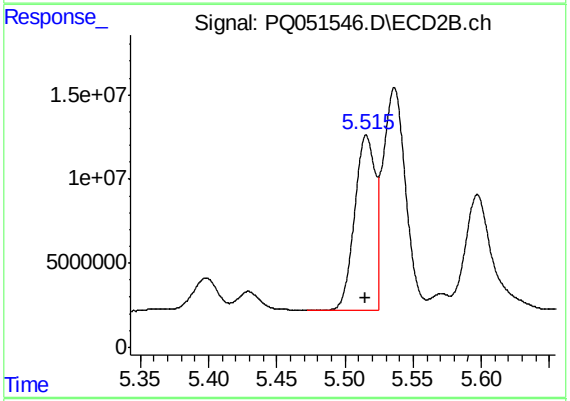
R.T.: 6.389 min
Delta R.T.: 0.001 min
Response: 108452259
Conc: 596.22 ng/ml



#21 AR-1248-1

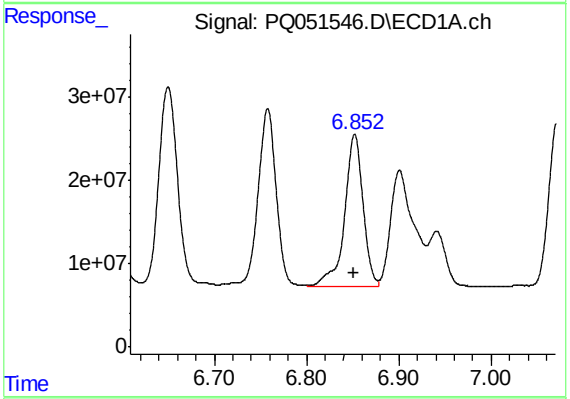
R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 395253107
Conc: 800.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



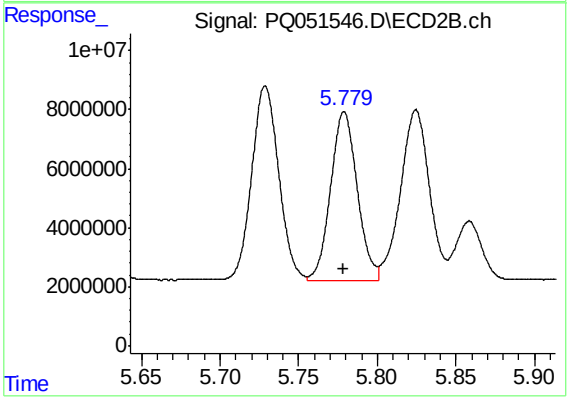
#21 AR-1248-1

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 109072520
Conc: 721.78 ng/ml



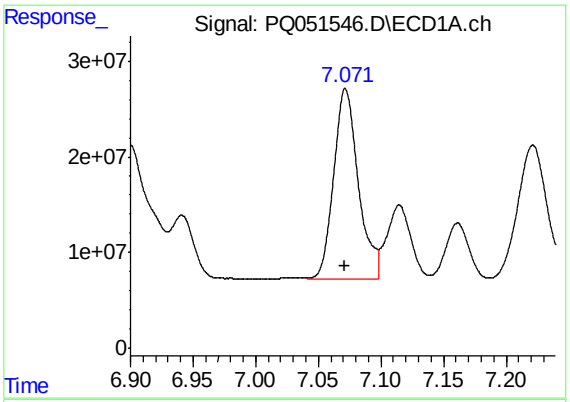
#22 AR-1248-2

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 255226917
Conc: 367.31 ng/ml



#22 AR-1248-2

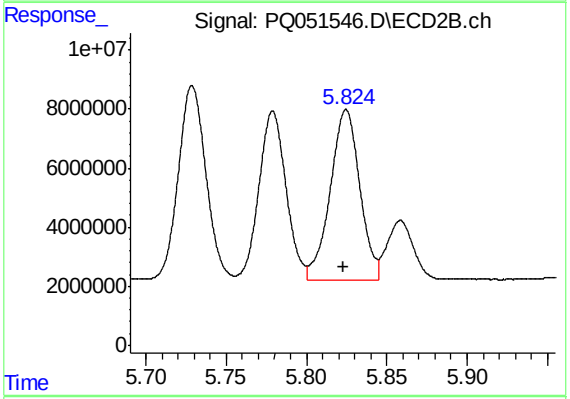
R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 67540768
Conc: 336.34 ng/ml



#23 AR-1248-3

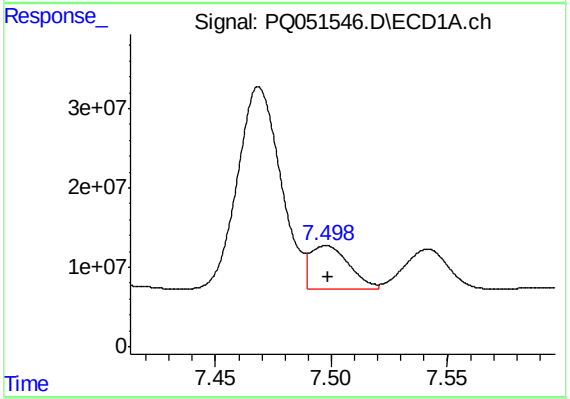
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 272769508
Conc: 340.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



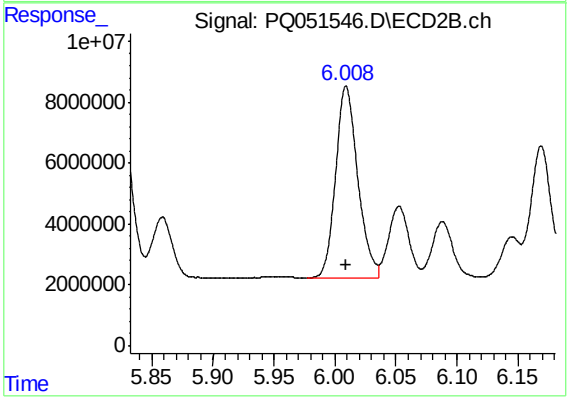
#23 AR-1248-3

R.T.: 5.825 min
Delta R.T.: 0.001 min
Response: 74072220
Conc: 354.86 ng/ml



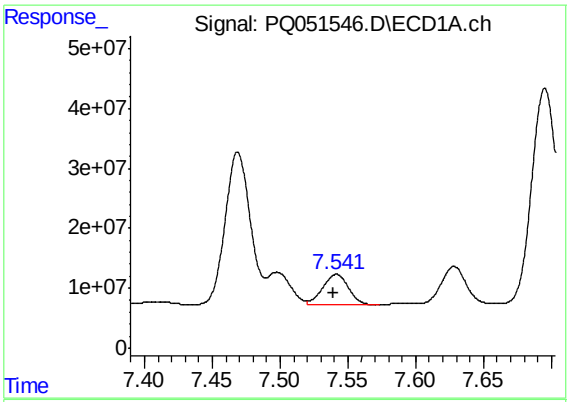
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 64272982
Conc: 69.31 ng/ml



#24 AR-1248-4

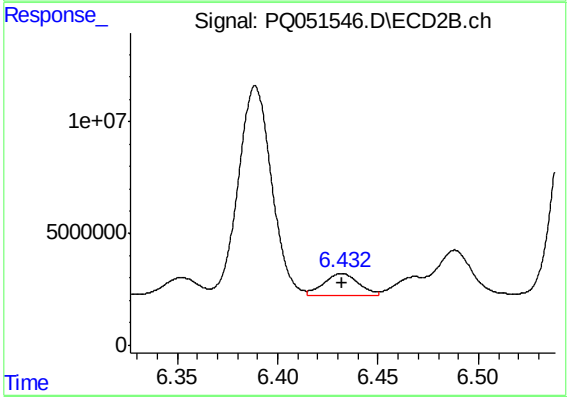
R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 79430904
Conc: 320.15 ng/ml



#25 AR-1248-5

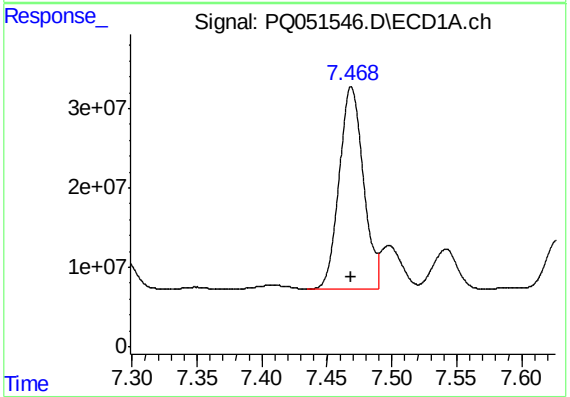
R.T.: 7.542 min
Delta R.T.: 0.002 min
Response: 68136666
Conc: 74.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



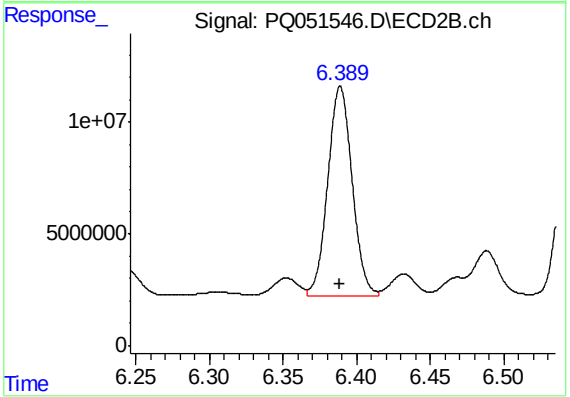
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 12197665
Conc: 47.48 ng/ml



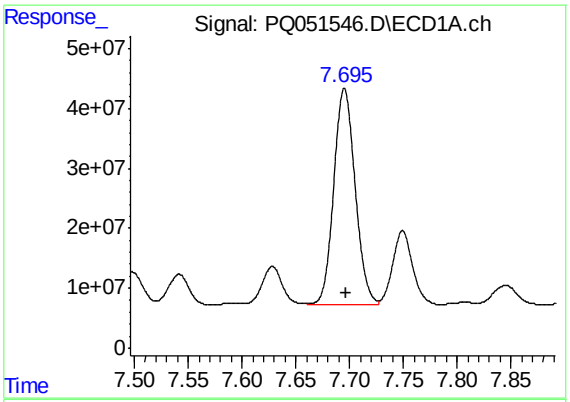
#26 AR-1254-1

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 331760744
Conc: 372.71 ng/ml



#26 AR-1254-1

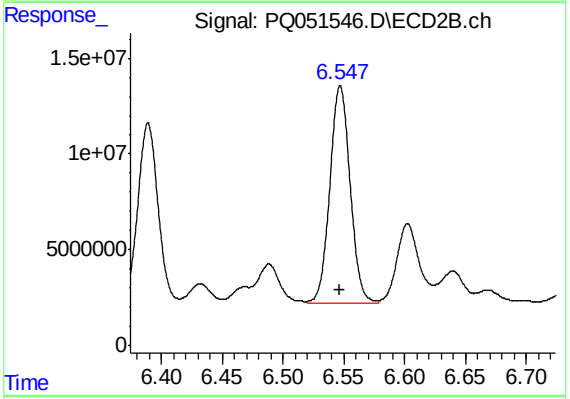
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 108452259
Conc: 278.76 ng/ml



#27 AR-1254-2

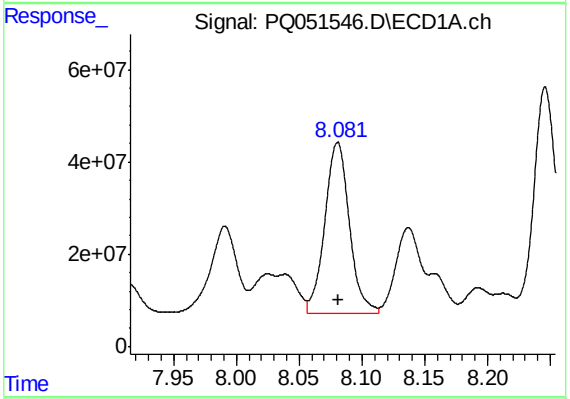
R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 501752201
Conc: 360.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



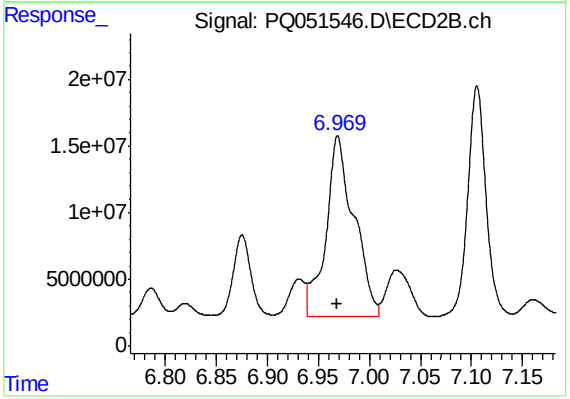
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 132053927
Conc: 394.88 ng/ml



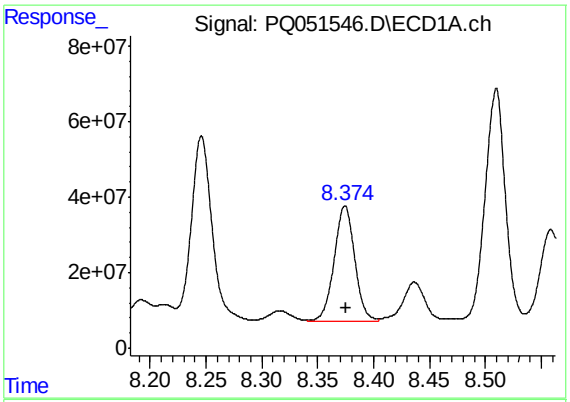
#28 AR-1254-3

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 503953759
Conc: 333.01 ng/ml



#28 AR-1254-3

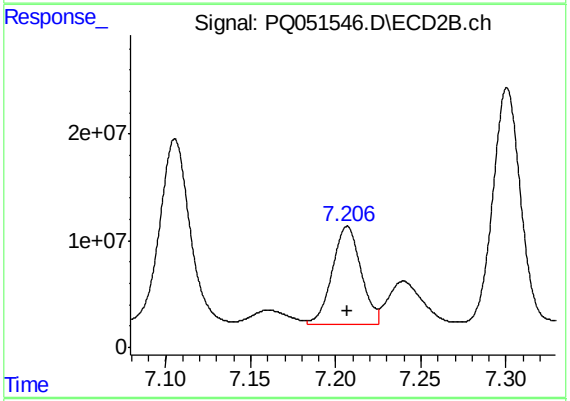
R.T.: 6.969 min
Delta R.T.: 0.000 min
Response: 259752226
Conc: 465.92 ng/ml



#29 AR-1254-4

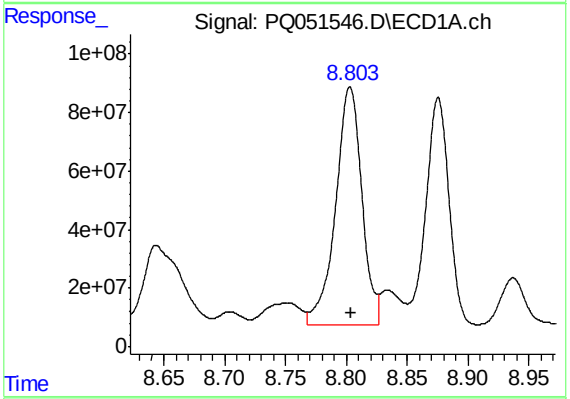
R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 387790182
Conc: 357.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



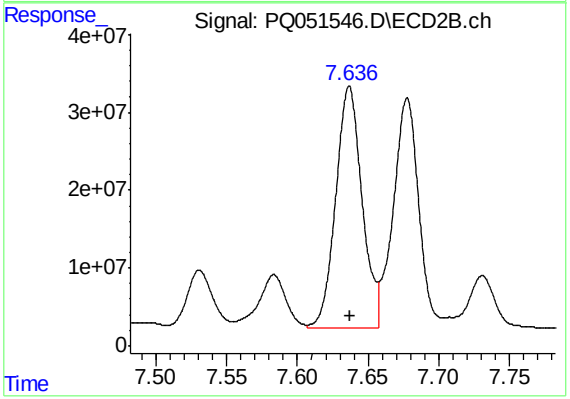
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 106956943
Conc: 313.78 ng/ml



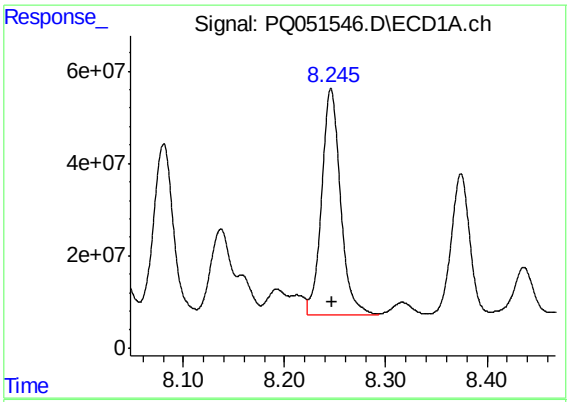
#30 AR-1254-5

R.T.: 8.803 min
Delta R.T.: -0.001 min
Response: 1228558093
Conc: 1055.90 ng/ml



#30 AR-1254-5

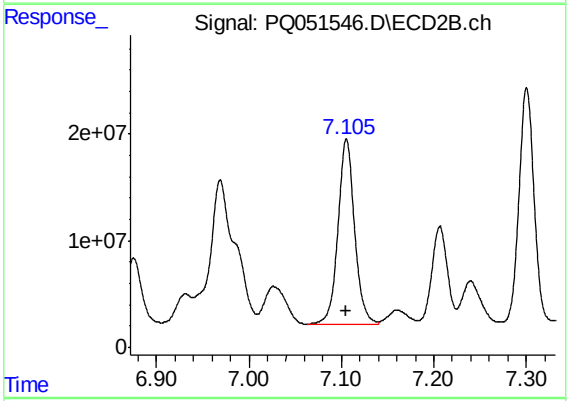
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 402399085
Conc: 830.87 ng/ml



#31 AR-1260-1

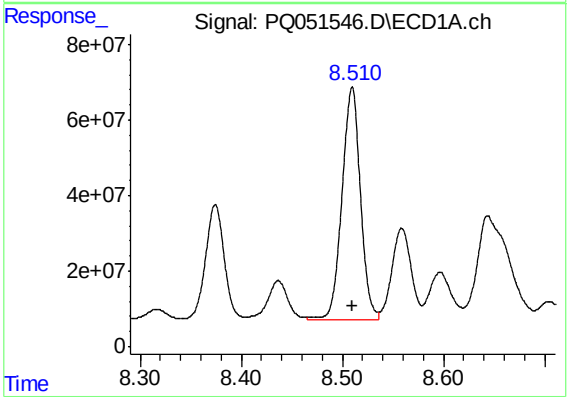
R.T.: 8.246 min
Delta R.T.: -0.001 min
Response: 633933584
Conc: 607.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



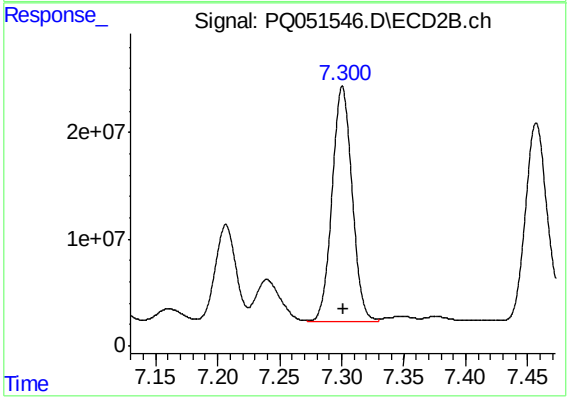
#31 AR-1260-1

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 216083418
Conc: 619.73 ng/ml



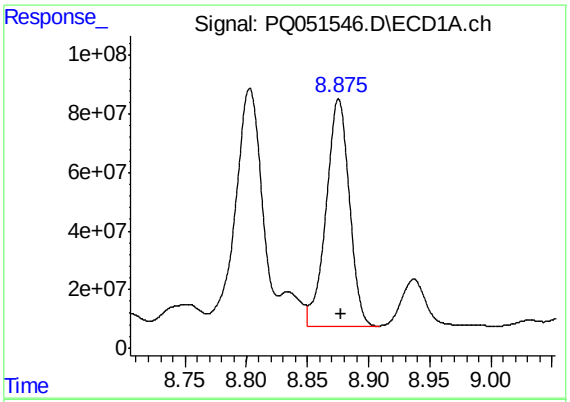
#32 AR-1260-2

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 778075815
Conc: 621.09 ng/ml



#32 AR-1260-2

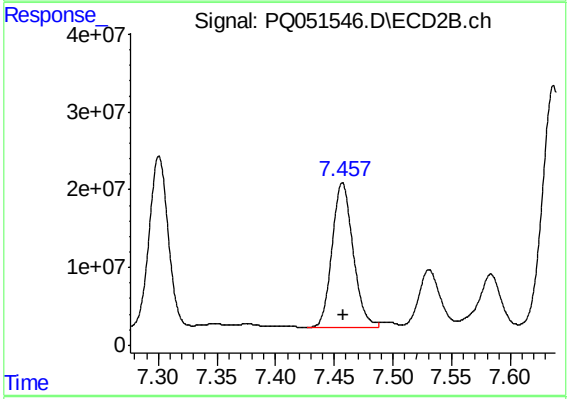
R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 250009592
Conc: 585.29 ng/ml



#33 AR-1260-3

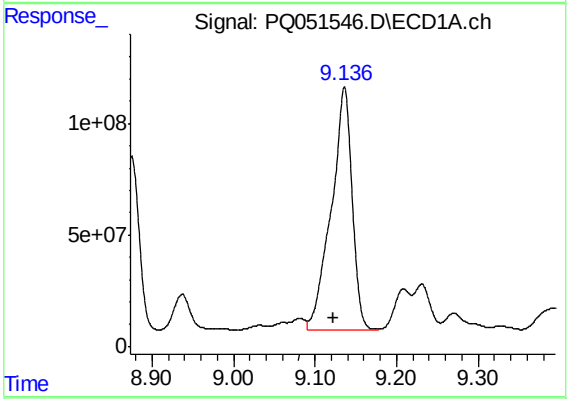
R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 1034111165
Conc: 1126.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



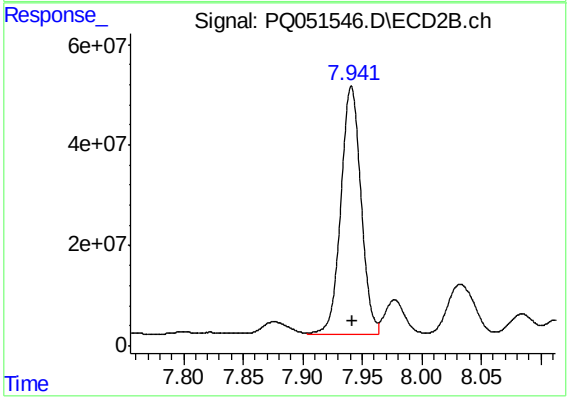
#33 AR-1260-3

R.T.: 7.457 min
Delta R.T.: -0.001 min
Response: 233756756
Conc: 571.93 ng/ml



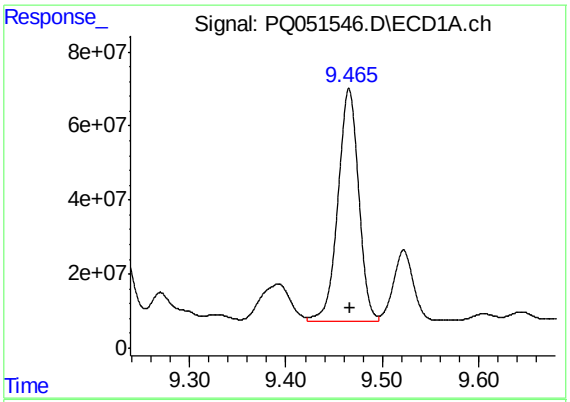
#34 AR-1260-4

R.T.: 9.136 min
Delta R.T.: 0.014 min
Response: 1948306934
Conc: 1830.95 ng/ml



#34 AR-1260-4

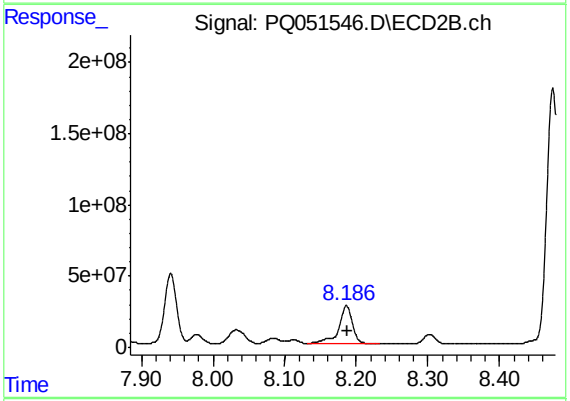
R.T.: 7.941 min
Delta R.T.: -0.001 min
Response: 580335761
Conc: 1691.15 ng/ml



#35 AR-1260-5

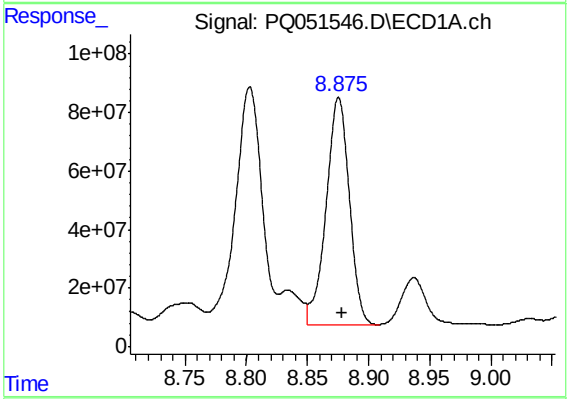
R.T.: 9.466 min
Delta R.T.: -0.001 min
Response: 942613791
Conc: 423.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



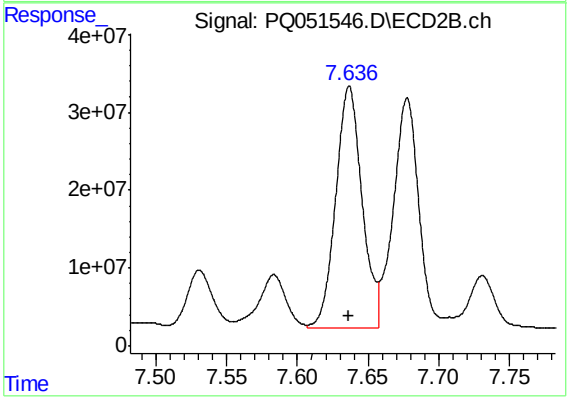
#35 AR-1260-5

R.T.: 8.186 min
Delta R.T.: -0.001 min
Response: 370847524
Conc: 442.36 ng/ml



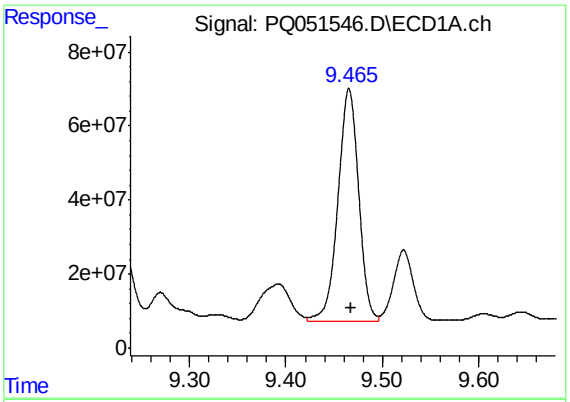
#36 AR-1262-1

R.T.: 8.876 min
Delta R.T.: -0.003 min
Response: 1034111165
Conc: 731.76 ng/ml



#36 AR-1262-1

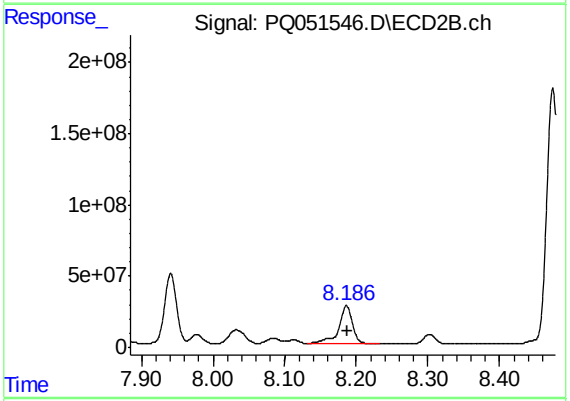
R.T.: 7.637 min
Delta R.T.: 0.000 min
Response: 402399085
Conc: 1518.55 ng/ml



#37 AR-1262-2

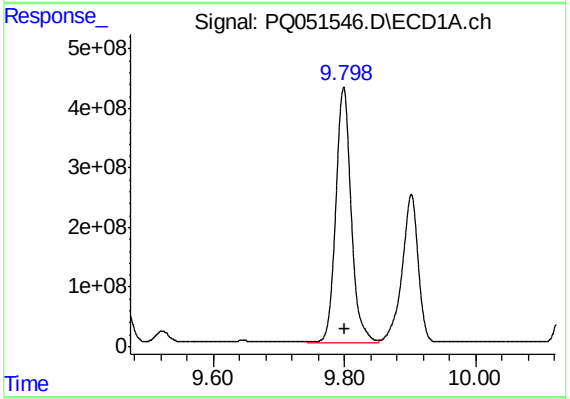
R.T.: 9.466 min
Delta R.T.: -0.002 min
Response: 942613791
Conc: 357.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



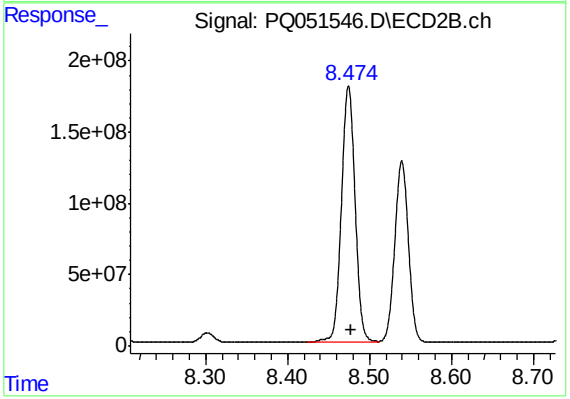
#37 AR-1262-2

R.T.: 8.186 min
Delta R.T.: -0.001 min
Response: 370847524
Conc: 386.69 ng/ml



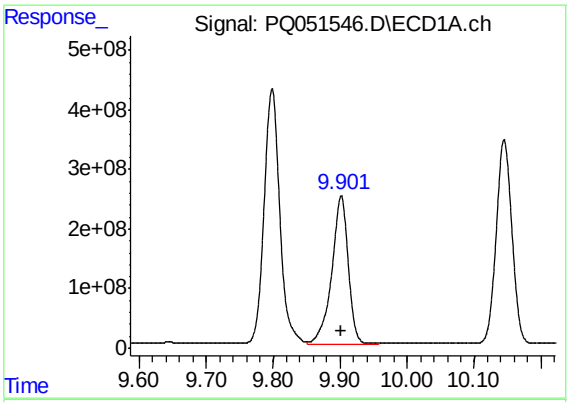
#38 AR-1262-3

R.T.: 9.799 min
Delta R.T.: -0.002 min
Response: 6956868954
Conc: 6225.99 ng/ml



#38 AR-1262-3

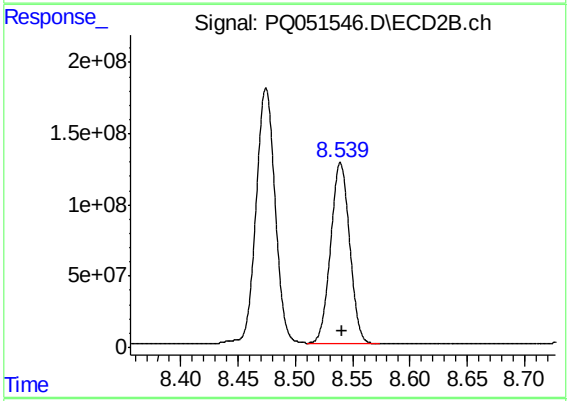
R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 2089258410
Conc: 5909.99 ng/ml



#39 AR-1262-4

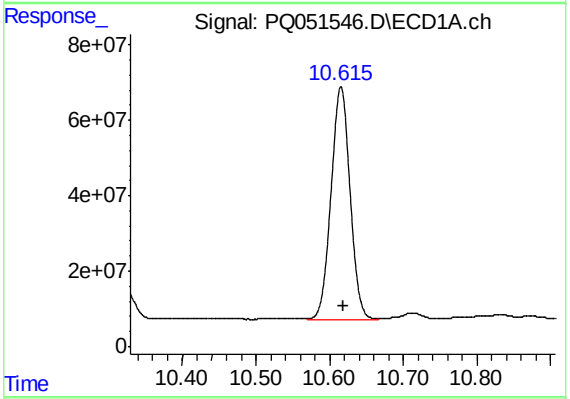
R.T.: 9.902 min
Delta R.T.: 0.000 min
Response: 4224239435
Conc: 3329.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



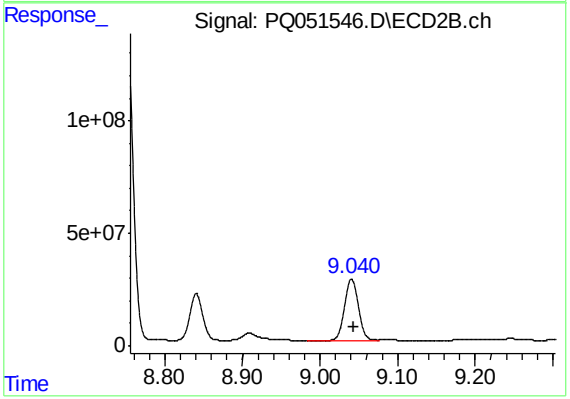
#39 AR-1262-4

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 1477919833
Conc: 2136.26 ng/ml



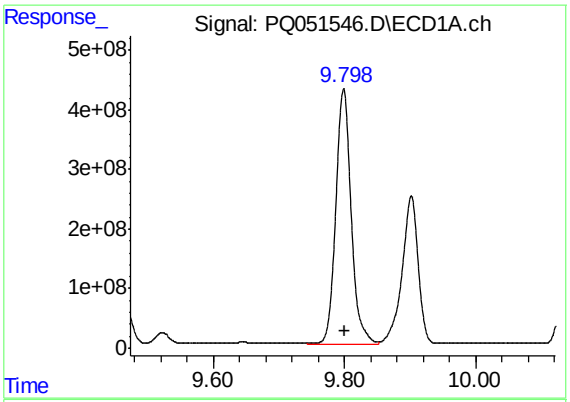
#40 AR-1262-5

R.T.: 10.616 min
Delta R.T.: -0.003 min
Response: 1101749440
Conc: 1226.42 ng/ml



#40 AR-1262-5

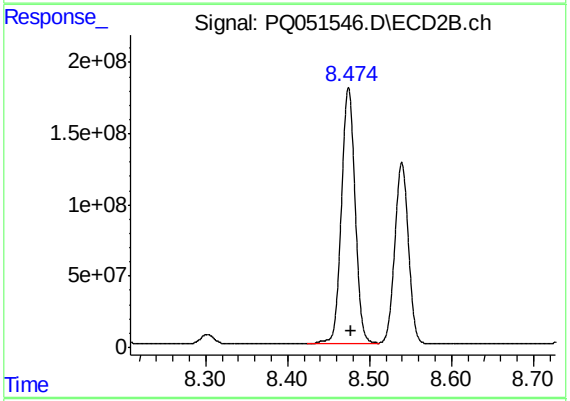
R.T.: 9.041 min
Delta R.T.: -0.004 min
Response: 334392580
Conc: 1109.24 ng/ml



#41 AR-1268-1

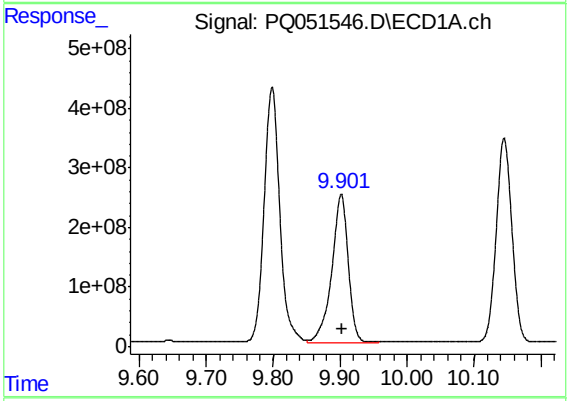
R.T.: 9.799 min
Delta R.T.: -0.001 min
Response: 6956868954
Conc: 2492.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



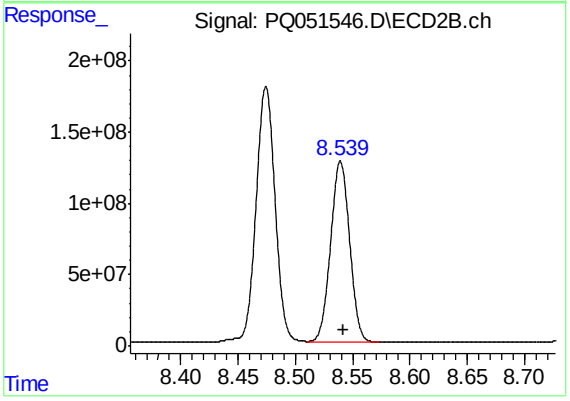
#41 AR-1268-1

R.T.: 8.474 min
Delta R.T.: -0.003 min
Response: 2089258410
Conc: 2135.18 ng/ml



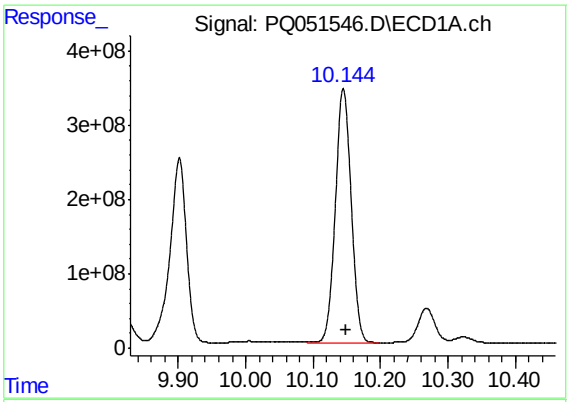
#42 AR-1268-2

R.T.: 9.902 min
Delta R.T.: -0.002 min
Response: 4224239435
Conc: 1665.53 ng/ml



#42 AR-1268-2

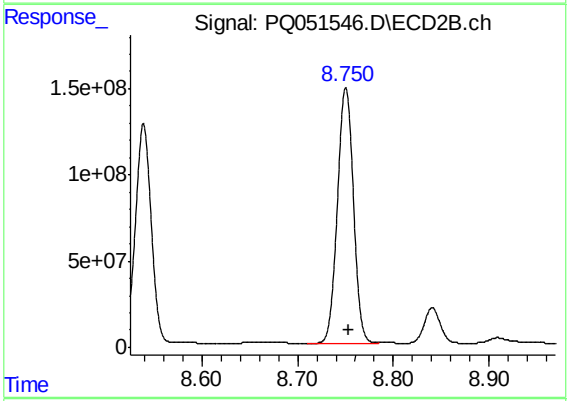
R.T.: 8.539 min
Delta R.T.: -0.002 min
Response: 1477919833
Conc: 1634.94 ng/ml



#43 AR-1268-3

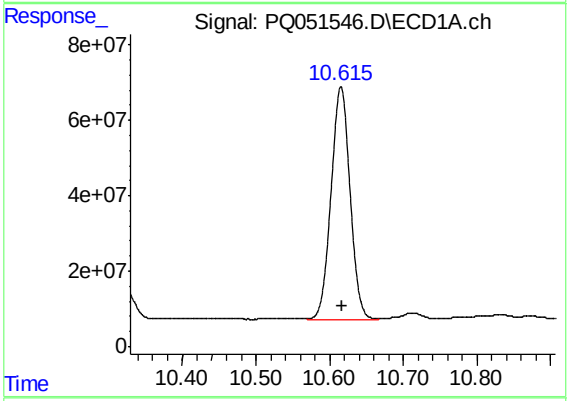
R.T.: 10.145 min
Delta R.T.: -0.005 min
Response: 5576261182
Conc: 2578.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



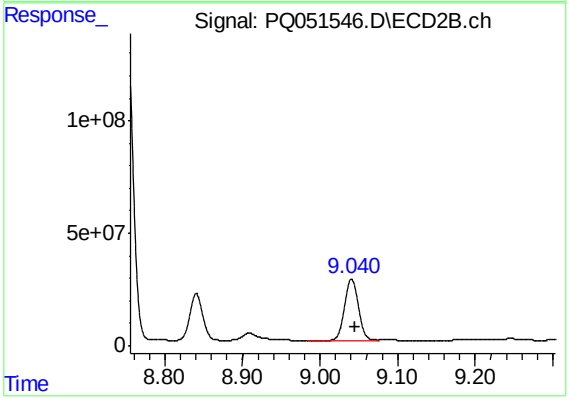
#43 AR-1268-3

R.T.: 8.750 min
Delta R.T.: -0.003 min
Response: 1733919859
Conc: 2293.15 ng/ml



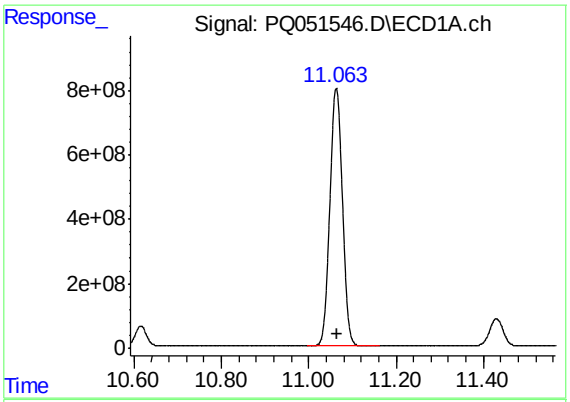
#44 AR-1268-4

R.T.: 10.616 min
Delta R.T.: -0.002 min
Response: 1101749440
Conc: 1207.80 ng/ml



#44 AR-1268-4

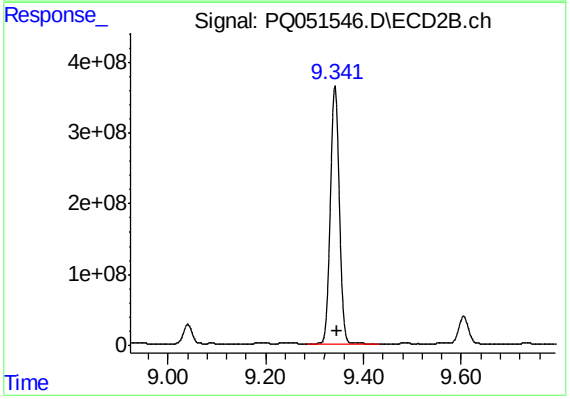
R.T.: 9.041 min
Delta R.T.: -0.004 min
Response: 334392580
Conc: 1077.52 ng/ml



#45 AR-1268-5

R.T.: 11.063 min
Delta R.T.: -0.003 min
Response: 15946342965
Conc: 2249.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
DUP-20MSD



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.005 min
Response: 4621739770
Conc: 1930.63 ng/ml